

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20050058462".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 09:01
S2	10	(("5677786") or ("6118563") or ("6134033") or ("6341026") or ("6366376")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/27 18:17
S3	4	(suppression or reduc\$ or eliminat\$) and four wave mixing and stretcher and compressor and (optical or fiber) communication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 13:20
S4	15	((suppression or reduc\$ or eliminat\$) with (four wave mixing)) and stretch\$ and compress\$ and (optical or fiber) communication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 09:24
S7	54	((suppression or reduc\$ or eliminat\$) with (four wave mixing)) and (pulse near5 (stretch\$ or broaden\$ or expand\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 13:21
S8	0	(Optical Linear Repeater System).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 10:48
S9	1	Optical Linear Repeater System	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 10:50
S10	2	10-135337	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 11:20
S11	3	"10135337"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 10:51

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S12	2	("5572355").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/28 11:25
S13	2	("6920263").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/28 11:26
S14	1	"6920263".pn. and four-wave mixing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 11:26
S15	109	((suppress\$ or reduc\$ or eliminat\$) with ((four wave mixing) or FWM)) and (pulse near5 (stretch\$ or broaden\$ or expand\$ or extend\$)) and optic\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 17:47
S16	54	((suppression or reduc\$ or eliminat\$) with (four wave mixing)) and (pulse near5 (stretch\$ or broaden\$ or expand\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 13:23
S17	55	S15 not S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 14:57
S18	6	(("5,185,827") or ("5,261,016") or ("5,361,319")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/28 14:57
S19	283	((suppress\$ or reduc\$ or eliminat\$) with (nonlinearity or non linearity or nonlinear or non linear)) and (pulse near5 (stretch\$ or broaden\$ or expand\$ or extend\$)) and optic\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 11:22
S20	231	S19 and fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 17:49
S21	231	S19 and (fiber or fibre)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 17:49

## EAST Search History

S22	105	S21 and transmitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 17:50
S23	198	S21 and transmit\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 17:51
S24	139	S23 and channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 17:57
S25	109	((suppress\$ or reduc\$ or eliminat\$) with ((four wave mixing) or FWM)) and (pulse near5 (stretch\$ or broaden\$ or expand\$ or extend\$)) and optic\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 11:02
S26	97	S24 not S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/28 19:12
S27	4	("5327516") or ("6690886").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 08:50
S29	2	("20050259706").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 10:39
S30	12	("6141129") or ("6812650") or ("20040164938") or ("20040174388") or ("20040201582").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 10:45
S31	12	"6014479"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 10:45

## EAST Search History

S32	24	("4261639"   "5035481"   "5191631"   "5218662"   "5261016"   "5430882"   "5473719"   "5524144"   "5532868"   "5546210"   "5559920"   "5596448"   "5608562"   "5636046"   "5642215").PN, OR ("6014479").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/09/29 10:46
S33	109	((suppress\$ or reduc\$ or eliminat\$) with ((four wave mixing) or FWM)) and (pulse near5 (stretch\$ or broaden\$ or expand\$ or extend\$)) and optic\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/02 10:27
S34	53	((suppress\$ or reduc\$ or eliminat\$) with ((four wave mixing) or FWM)) and (pulse near5 (spread\$)) and optic\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 11:25
S35	0	((suppress\$ or reduc\$ or eliminat\$) with (nonlinearity or non linearity or nonlinear or non linear)) and (pulse near5 (stretch\$ or broaden\$ or expand\$ or extend\$ or spread\$)) and optic\$ and "5361319".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 11:24
S36	0	((four wave mixing) or FWM) and "5361319".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 11:26
S37	0	(nonlinearity or non linearity or nonlinear or non linear) and "5361319".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 11:26
S38	50	((suppress\$ or reduc\$ or eliminat\$) with ((four wave mixing) or FWM)) and (pulse near5 (stretch\$ or broaden\$ or expand\$ or extend\$ or spread\$)) and optic\$ and (chirping or chirp or chirped)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/02 12:58
S39	2	"6690886".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/02 12:58
S40	2	("6137604").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/05 16:34

## EAST Search History

S41	16	wdm and (return to zero or RZ) and modulat\$ and fiber and (multiplexer or combiner) and dispersion compensation and demultiplexer and receiver and detector and FEC and chirp\$3 and transmitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/05 16:38
S42	2	("6731877").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/05 17:38
S43	21	("20020039217"   "20030011839"   "4558921"   "4700339"   "5035481"   "5504609"   "5710649"   "6341023"   "6377375"   "6433904"   "6452707"   "6459515"   "6486466").PN. OR ("6731877").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/05 17:59
S44	2	"20030198448".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/10 09:50
S45	2125	(398/53 398/91 or 398/184 or 398/189 or 398/1 or 398/147 or 398/98 or 385/123 or 385/24 or 359/124).ccls. and (four-wave mixing or FWM or nonlinear or non linear or nonlinearity or non linearity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/10 10:31
S46	562	(398/53 398/91 or 398/184 or 398/189 or 398/1 or 398/147 or 398/98 or 385/123 or 385/24 or 359/124).ccls. and (four-wave mixing or FWM)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/10 10:31
S47	503	S46 and dispersion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/10 10:32
S48	129	S47 and (pulse near5 (stretch\$ or spread\$ or broaden\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/10 10:33